



ANALYTICAL SUMMARY REPORT

September 25, 2018

Helena City of Water Division
1115 Rimini Rd
Helena, MT 59601-9624

Work Order: H18090230

Project Name: DIP

Energy Laboratories Inc Helena MT received the following 1 sample for Helena City of Water Division on 9/12/2018 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
H18090230-001	#1-4	09/12/18 10:00	09/12/18	Aqueous	Metals by ICP/ICPMS, Total Cyanide, Total Manual Distillation Chromium, Hexavalent Chromium, Trivalent Mercury, Total pH Metals Digestion by E200.2 Mercury Digestion by E245.1

The analyses presented in this report were performed by Energy Laboratories, Inc., 3161 E. Lyndale Ave., Helena, MT 59604, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:



CLIENT: Helena City of Water Division
Project: DIP
Work Order: H18090230

Report Date: 09/25/18

CASE NARRATIVE

Tests associated with analyst identified as ELI-B were subcontracted to Energy Laboratories, 1120 S. 27th St., Billings, MT, EPA Number MT00005.



LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Helena City of Water Division
Project: DIP
Lab ID: H18090230-001
Client Sample ID: #1-4

Report Date: 09/25/18
Collection Date: 09/12/18 10:00
Date Received: 09/12/18
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	8.0	s.u.	H	0.1		A4500-H B	09/13/18 09:17 / SRW
pH Measurement Temp	11.7	°C				A4500-H B	09/13/18 09:17 / SRW
INORGANICS							
Cyanide, Total	0.012	mg/L		0.005		Kelada-01	09/14/18 15:12 / eli-b
METALS, DISSOLVED							
Chromium, Hexavalent	ND	mg/L		0.01		A3500-Cr B	09/12/18 13:24 / cmm
Chromium, Trivalent	0.05	mg/L		0.01		Calculation	09/25/18 07:45 / abc
METALS, TOTAL							
Arsenic	0.004	mg/L		0.001		E200.8	09/17/18 14:25 / sld
Cadmium	0.00067	mg/L		0.00003		E200.8	09/17/18 14:25 / sld
Chromium	0.046	mg/L		0.005		E200.8	09/17/18 14:25 / sld
Copper	0.431	mg/L		0.002		E200.8	09/17/18 14:25 / sld
Lead	0.149	mg/L		0.0003		E200.8	09/17/18 14:25 / sld
Mercury	ND	mg/L		5E-06		E245.1	09/14/18 12:23 / dck
Molybdenum	0.001	mg/L		0.001		E200.8	09/17/18 14:25 / sld
Nickel	0.183	mg/L		0.002		E200.8	09/17/18 14:25 / sld
Selenium	ND	mg/L		0.001		E200.8	09/17/18 14:25 / sld
Silver	ND	mg/L		0.0002		E200.8	09/17/18 14:25 / sld
Zinc	0.075	mg/L		0.008		E200.8	09/17/18 14:25 / sld

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Helena City of Water Division

Report Date: 09/25/18

Project: DIP

Work Order: H18090230

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	A3500-Cr B							Analytical Run: GENESYS 20_180912A		
Lab ID:	ICV	Initial Calibration Verification Standard							09/12/18 13:24	
Chromium, Hexavalent		0.0954	mg/L	0.010	95	90	110			
Lab ID:	CCV	Continuing Calibration Verification Standard							09/12/18 13:24	
Chromium, Hexavalent		0.0999	mg/L	0.010	100	90	110			
Method:	A3500-Cr B							Batch: R138118		
Lab ID:	MBLK	Method Blank				Run: GENESYS 20_180912A			09/12/18 13:24	
Chromium, Hexavalent		ND	mg/L	0.01						
Lab ID:	H18090230-001BMS	Sample Matrix Spike				Run: GENESYS 20_180912A			09/12/18 13:24	
Chromium, Hexavalent		0.0917	mg/L	0.010	92	80	120			
Lab ID:	H18090230-001BMSD	Sample Matrix Spike Duplicate				Run: GENESYS 20_180912A			09/12/18 13:24	
Chromium, Hexavalent		0.0960	mg/L	0.010	96	80	120	4.6	30	
Lab ID:	H18090230-001BDUP	Sample Duplicate				Run: GENESYS 20_180912A			09/12/18 13:24	
Chromium, Hexavalent		ND	mg/L	0.010						
Lab ID:	H18090230-001BDUP-	Sample Duplicate				Run: GENESYS 20_180912A			09/12/18 13:24	
Chromium, Hexavalent		ND	mg/L	0.010						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Helena City of Water Division

Report Date: 09/25/18

Project: DIP

Work Order: H18090230

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-H B					Analytical Run: PHSC_101-H_180913A					
Lab ID: pH 7	2	Initial Calibration Verification Standard								09/13/18 08:44
pH		7.0	s.u.	0.1	99	98	102			
pH Measurement Temp		21.3	°C			0	0			
Method: A4500-H B					Batch: R138137					
Lab ID: H18090238-001ADUP	2	Sample Duplicate								09/13/18 09:22
pH		8.2	s.u.	0.1				0.0	3	
pH Measurement Temp		12.1	°C							

Qualifiers:

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QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Helena City of Water Division

Report Date: 09/25/18

Project: DIP

Work Order: H18090230

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8						Analytical Run: ICPMS205-H_180917A				
Lab ID: ICV	10	Initial Calibration Verification Standard							09/17/18 11:06	
Arsenic		0.0610	mg/L	0.0050	102	90	110			
Cadmium		0.0314	mg/L	0.0010	105	90	110			
Chromium		0.0615	mg/L	0.010	102	90	110			
Copper		0.0621	mg/L	0.010	104	90	110			
Lead		0.0622	mg/L	0.010	104	90	110			
Molybdenum		0.0618	mg/L	0.0050	103	90	110			
Nickel		0.0622	mg/L	0.010	104	90	110			
Selenium		0.0613	mg/L	0.0050	102	90	110			
Silver		0.0313	mg/L	0.0050	104	90	110			
Zinc		0.0628	mg/L	0.010	105	90	110			
Lab ID: ICSA	10	Interference Check Sample A							09/17/18 11:08	
Arsenic		6.82E-05	mg/L	0.0050						
Cadmium		0.000247	mg/L	0.0010						
Chromium		0.00122	mg/L	0.010						
Copper		0.000121	mg/L	0.010						
Lead		0.000763	mg/L	0.010						
Molybdenum		0.864	mg/L	0.0050	108	70	130			
Nickel		8.25E-05	mg/L	0.010						
Selenium		0.000126	mg/L	0.0050						
Silver		7.23E-05	mg/L	0.0050						
Zinc		0.000331	mg/L	0.010						
Lab ID: ICSAB	10	Interference Check Sample AB							09/17/18 11:10	
Arsenic		0.00997	mg/L	0.0050	100	70	130			
Cadmium		0.0100	mg/L	0.0010	100	70	130			
Chromium		0.0204	mg/L	0.010	102	70	130			
Copper		0.0190	mg/L	0.010	95	70	130			
Lead		0.000454	mg/L	0.010		0	0			
Molybdenum		0.849	mg/L	0.0050	106	70	130			
Nickel		0.0192	mg/L	0.010	96	70	130			
Selenium		0.00959	mg/L	0.0050	96	70	130			
Silver		0.0197	mg/L	0.0050	98	70	130			
Zinc		0.00969	mg/L	0.010	97	70	130			
Lab ID: ICV	10	Initial Calibration Verification Standard							09/17/18 17:40	
Arsenic		0.0593	mg/L	0.0050	99	90	110			
Cadmium		0.0296	mg/L	0.0010	99	90	110			
Chromium		0.0598	mg/L	0.010	100	90	110			
Copper		0.0602	mg/L	0.010	100	90	110			
Lead		0.0573	mg/L	0.010	95	90	110			
Molybdenum		0.0588	mg/L	0.0050	98	90	110			
Nickel		0.0602	mg/L	0.010	100	90	110			
Selenium		0.0619	mg/L	0.0050	103	90	110			
Silver		0.0295	mg/L	0.0050	98	90	110			

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Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8								Analytical Run: ICPMS205-H_180917A		
Lab ID: ICV	10	Initial Calibration Verification Standard								09/17/18 17:40
Zinc		0.0610	mg/L	0.010	102	90	110			
Lab ID: ICSA	10	Interference Check Sample A								09/17/18 17:42
Arsenic		8.39E-05	mg/L	0.0050						
Cadmium		0.000231	mg/L	0.0010						
Chromium		0.00115	mg/L	0.010						
Copper		0.000141	mg/L	0.010						
Lead		6.19E-05	mg/L	0.010						
Molybdenum		0.806	mg/L	0.0050	101	70	130			
Nickel		9.17E-05	mg/L	0.010						
Selenium		0.000195	mg/L	0.0050						
Silver		6.04E-05	mg/L	0.0050						
Zinc		0.000389	mg/L	0.010						
Lab ID: ICSAB	10	Interference Check Sample AB								09/17/18 17:44
Arsenic		0.00982	mg/L	0.0050	98	70	130			
Cadmium		0.00935	mg/L	0.0010	93	70	130			
Chromium		0.0202	mg/L	0.010	101	70	130			
Copper		0.0189	mg/L	0.010	94	70	130			
Lead		4.81E-05	mg/L	0.010		0	0			
Molybdenum		0.785	mg/L	0.0050	98	70	130			
Nickel		0.0189	mg/L	0.010	94	70	130			
Selenium		0.00977	mg/L	0.0050	98	70	130			
Silver		0.0180	mg/L	0.0050	90	70	130			
Zinc		0.00942	mg/L	0.010	94	70	130			
Method: E200.8								Batch: 43072		
Lab ID: MB-43072	10	Method Blank								Run: ICPMS205-H_180917A 09/17/18 14:19
Arsenic		0.0001	mg/L	4E-05						
Cadmium		ND	mg/L	3E-05						
Chromium		ND	mg/L	0.0001						
Copper		ND	mg/L	0.0002						
Lead		ND	mg/L	4E-05						
Molybdenum		ND	mg/L	2E-05						
Nickel		ND	mg/L	0.0001						
Selenium		0.0002	mg/L	5E-05						
Silver		2E-05	mg/L	9E-06						
Zinc		0.002	mg/L	0.001						
Lab ID: LCS-43072	10	Laboratory Control Sample								Run: ICPMS205-H_180917A 09/17/18 14:33
Arsenic		0.510	mg/L	0.0010	102	85	115			
Cadmium		0.263	mg/L	0.0010	105	85	115			
Chromium		0.535	mg/L	0.0050	107	85	115			
Copper		0.529	mg/L	0.0050	106	85	115			
Lead		0.541	mg/L	0.0010	108	85	115			

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Project: DIP

Work Order: H18090230

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: 43072
Lab ID: LCS-43072	10	Laboratory Control Sample				Run: ICPMS205-H_180917A				09/17/18 14:33
Molybdenum		0.539	mg/L	0.0010	108	85	115			
Nickel		0.511	mg/L	0.0050	102	85	115			
Selenium		0.500	mg/L	0.0010	100	85	115			
Silver		0.0527	mg/L	0.0010	105	85	115			
Zinc		0.510	mg/L	0.010	102	85	115			
Lab ID: H18090238-004CMS3	10	Sample Matrix Spike				Run: ICPMS205-H_180917A				09/17/18 14:54
Arsenic		0.514	mg/L	0.0010	101	70	130			
Cadmium		0.257	mg/L	0.0010	103	70	130			
Chromium		0.526	mg/L	0.0050	105	70	130			
Copper		0.513	mg/L	0.0050	102	70	130			
Lead		0.548	mg/L	0.0010	109	70	130			
Molybdenum		0.536	mg/L	0.0010	107	70	130			
Nickel		0.496	mg/L	0.0050	99	70	130			
Selenium		0.499	mg/L	0.0010	100	70	130			
Silver		0.0514	mg/L	0.0010	103	70	130			
Zinc		0.504	mg/L	0.010	100	70	130			
Lab ID: H18090238-004CMSD	10	Sample Matrix Spike Duplicate				Run: ICPMS205-H_180917A				09/17/18 14:56
Arsenic		0.505	mg/L	0.0010	99	70	130	1.8	20	
Cadmium		0.247	mg/L	0.0010	99	70	130	4.1	20	
Chromium		0.518	mg/L	0.0050	103	70	130	1.6	20	
Copper		0.498	mg/L	0.0050	99	70	130	2.8	20	
Lead		0.526	mg/L	0.0010	105	70	130	4.1	20	
Molybdenum		0.510	mg/L	0.0010	102	70	130	4.8	20	
Nickel		0.485	mg/L	0.0050	97	70	130	2.3	20	
Selenium		0.503	mg/L	0.0010	101	70	130	0.9	20	
Silver		0.0495	mg/L	0.0010	99	70	130	3.7	20	
Zinc		0.493	mg/L	0.010	97	70	130	2.3	20	

Qualifiers:

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QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Helena City of Water Division

Report Date: 09/25/18

Project: DIP

Work Order: H18090230

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E245.1										Analytical Run: HGCV202-H_180914A
Lab ID: ICV		Initial Calibration Verification Standard								09/14/18 12:04
Mercury		0.000103	mg/L	0.00010	103	90	110			
Lab ID: CCV1		Continuing Calibration Verification Standard								09/14/18 12:07
Mercury		0.000100	mg/L	0.00010	100	95	105			
Method: E245.1										Batch: 43081
Lab ID: MB-43081		Method Blank								Run: HGCV202-H_180914A 09/14/18 12:17
Mercury		ND	mg/L	1E-06						
Lab ID: LCS-43081		Laboratory Control Sample								Run: HGCV202-H_180914A 09/14/18 12:20
Mercury		7.51E-05	mg/L	0.00010	100	90	110			
Lab ID: H18090230-001CMS		Sample Matrix Spike								Run: HGCV202-H_180914A 09/14/18 12:27
Mercury		7.44E-05	mg/L	5.0E-06	97	70	130			
Lab ID: H18090230-001CMSD		Sample Matrix Spike Duplicate								Run: HGCV202-H_180914A 09/14/18 12:30
Mercury		7.85E-05	mg/L	5.0E-06	102	70	130	5.4	20	

Qualifiers:

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QA/QC Summary Report

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Client: Helena City of Water Division

Report Date: 09/25/18

Project: DIP

Work Order: H18090230

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: Kelada-01										Analytical Run: SUB-B307393
Lab ID: ICV Initial Calibration Verification Standard										
Cyanide, Total		0.0974	mg/L	0.0050	97	90	110			09/14/18 13:42
Method: Kelada-01										Batch: B_R307393
Lab ID: ICB Method Blank										
Cyanide, Total		ND	mg/L	0.005						Run: SUB-B307393 09/14/18 13:45
Lab ID: LFB Laboratory Fortified Blank										
Cyanide, Total		0.102	mg/L	0.0050	102	90	110			Run: SUB-B307393 09/14/18 13:47
Lab ID: LCS1-K4Fe(CN)6 Laboratory Control Sample										
Cyanide, Total		0.194	mg/L	0.0050	97	90	110			Run: SUB-B307393 09/14/18 13:50
Lab ID: LCS2-KSCN Laboratory Control Sample										
Cyanide, Total		0.138	mg/L	0.0050	1	0	1			Run: SUB-B307393 09/14/18 13:53
Lab ID: H18090230-001D Sample Matrix Spike										
Cyanide, Total		0.103	mg/L	0.0050	91	90	110			Run: SUB-B307393 09/14/18 15:15
Lab ID: H18090230-001D Sample Matrix Spike Duplicate										
Cyanide, Total		0.114	mg/L	0.0050	102	90	110	10	10	Run: SUB-B307393 09/14/18 15:17

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



Work Order Receipt Checklist

Helena City of Water Division

H18090230

Login completed by: Jessica C. Smith

Date Received: 9/12/2018

Reviewed by: BL2000\rtooke

Received by: RAT

Reviewed Date: 9/13/2018

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	19.1°C No Ice - From Field		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

None



Trust our People. Trust our Data.

Chain of Custody & Analytical Request Record

www.energylab.com

Page ____ of ____

Account Information (Billing Information)

Company/Name	City of Helena and Engineer-A1		
Contact	Dan Clark		
Phone	406-459-0708		
Mailing Address	316 N Park Ave		
City, State, Zip	Helena MT 59601		
Email	dclark@helena-mt.gov		
Receive Invoice	<input checked="" type="checkbox"/> Hard Copy	<input type="checkbox"/> Email	Receive Report <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Email
Purchase Order	Quote		Bottle Order

Report Information (if different than Account Information)

Company/Name			
Contact			
Phone			
Mailing Address			
City, State, Zip			
Email			
Receive Report	<input type="checkbox"/> Hard Copy	<input type="checkbox"/> Email	
Special Report/Formats:	<input type="checkbox"/> LEVEL IV <input type="checkbox"/> NE/LAC <input type="checkbox"/> EDD/EDT (contact laboratory) <input type="checkbox"/> Other		

Comments

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Project Information

Project Name, PWSID, Permit, etc.	DIP	
Sampler Name	Dan Clark	Sampler Phone 406-459-0708
Sample Origin State	MT	EPA/State Compliance <input type="checkbox"/> Yes <input type="checkbox"/> No

MINING CLIENTS, please indicate sample type.

If ore has been processed or refined, call before sampling.

☐ Byproduct 11 (e)2 material ☐ Unprocessed ore (NOT ground or refined)*

Matrix Codes

- A - Air
- W - Water
- S - Solids
- V - Vegetation
- B - Bioassay
- O - Other
- DW - Drinking Water

Analysis Requested

see attached

See Attached

All turnaround times are standard unless marked as RUSH.
Energy Laboratories MUST be contacted prior to RUSH sample submittal for charges and scheduling - See Instructions Page

ELI LAB ID
RUSH
TAT
Laboratory/Use Only

H18090230

Sample Identification

(Name, Location, Interval, etc.)

		Collection		Number of Containers (See Codes Above)	Matrix (See Codes Above)	Analysis Requested				Signature
		Date	Time							
1	#1	9/12/18	10:00	1						
2	#2	9/12/18	10:00	1						
3	#3	9/12/18	10:00	1						
4	#4	9/12/18	10:00	1						
5										
6										
7										
8										
9										
10										

Custody Record MUST be signed	Refined by (print)	Date/Time	Signature	Received by (print)	Date/Time	Signature
	Mark Frantz	9/12/18	10:18		9/12/18	10:18

LABORATORY USE ONLY

Shipped By	Cooler ID(s)	Custody Seals	Intact	Receipt Temp	Temp Blank	On Ice	CC	Cash	Check	Amount	Receipt Number (cash/check only)
Harvest		Y <input checked="" type="checkbox"/> DC B	Y N	19.1 °C	Y <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>					

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.

BOTTLE ORDER 25217



SHIPPED TO: Helena City of Water Division

Contact: Bob Cline

1115 Rimini Rd

Helena MT 59601

Phone:

Project: DIP Metals

Order Created by: Wanda Johnson

Shipped From: Helena, MT

Ship Date: 10/3/2017

VIA: Hand Del

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
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DIP Complete Set

250 mL Plastic	1	A4500-H B	pH	0.25 hrs			1
250 mL Plastic	1	A3500-Cr B	Chromium, Hexavalent	24.00 hrs		Need to analyze within 24 Hrs.	1
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Total				1
		Calculation	Chromium, Trivalent				
		E245.1	Mercury, Total				
500 mL Amber Plastic	1	Kelada-01	Cyanide, Total Manual Distillation		NaOH		1

Partial

500 mL Amber Plastic	1	Kelada-01	Cyanide, Total Manual Distillation		NaOH		1
250 mL Plastic	1	A3500-Cr B	Chromium, Hexavalent	24.00 hrs			1
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Total		HNO3	Chromium	1
		Calculation	Chromium, Trivalent				

HNO3 - Nitric Acid

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H2SO4 - Sulfuric Acid

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NaOH - Sodium Hydroxide

ZnAc - Zinc Acetate

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H3PO4 - Phosphoric Acid

We strongly suggest that the samples are shipped the same day as they are collected.

Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets

Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.

Subcontracting of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.